

Norman H. Bangerter, Governor Dee C. Hansen, Executive Director Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

June 13, 1988

Ms. M.S. Litus Environmental Engineer Tenneco Minerals P. O. Box 1167 Green River, Wyoming 82935

Dear Ms. Litus:

Re: Tentative Approval, Notice of Intention to Commence Large Mining Operations, Goldstrike Project, M/053/005, Washington County, Utah.

The Division has completed its review of your June 1, 1988 resubmittal for the above referenced mining operation. The revised mine and reclamation plan for the Goldstrike Project is hereby tentatively approved. The Division is now ready to begin finalization of the permit application and will forward a Notice of Tentative Approval to the surface and minerals owners and to the local newspaper agency for publishing. A 30-day public comment period follows.

The Division will defer to the Department of Health's Bureau of Water Pollution Control for specific design requirements governing the heap leach pads, the solution ponds, the pond and leach pad liners and leak detection systems, and the surface and ground water monitoring plans (during operations and postmining).

Final approval will be granted under the following conditions: 1) no adverse comments are received and the Board of Oil, Gas, and Mining concurs that the surety bond is sufficient, and 2) no construction of the specific facilities, to be approved by State Health, will be allowed to commence until the designs have been approved by State Health. Also, we will ask that copies of the final approved design plans (to be submitted to the Bureau of Water Pollution Control) be received by the Division prior to actual field construction.

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Please contact me or Holland Shepherd should you have any further questions concerning this document or the pending final approval.

Sincerely,

Lowell P. Braxton Administrator

Mineral Resource Development and Reclamation Program

cc: M. Stairwalt, Tenneco, St. George C. Deitz, Water Pollution Control F. Rowley, BLM, Cedar City

H. Shepherd W. Hedberg F. Filas

1398R/29-30

BEFORE THE BOARD OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH

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IN THE MATTER OF TENTATIVE : APPROVAL OF THE MINING AND RECLAMATION PLAN SUBMITTED : BY TENNECO MINERALS

APPROVAL NO. M/053/005

NOTICE OF TENTATIVE

BY TENNECO MINERALS COMPANY, WASHINGTON COUNTY, UTAH

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THE STATE OF UTAH TO ALL OPERATORS, TAKERS OF PRODUCTION, MINERAL AND ROYALTY OWNERS, AND PARTICULARLY ALL PERSONS INTERESTED IN SECTIONS 16, 17, 20, AND 21, TOWNSHIP 39 SOUTH, RANGE 18 WEST, SLBM, WASHINGTON COUNTY, UTAH.

Notice is hereby given that tentative approval was given by the Division of Oil, Gas and Mining, on June 13, 1988, to Tenneco Minerals Company to continue surface mining operations in Sections 16, 17, 20, and 21, Township 39 South, Range 18 West, Washington County, Utah.

The name of the mining operation is Goldstrike, and the person representing the company is Michael P. Stairwalt, Mine Manager, P.O. Box 2650, St. George, Utah 84770, Phone (801) 673-1606.

Tenneco Minerals Company has fulfilled obligations under the Utah Mined Land Reclamation Act of 1975 (Section 40-8, UCA, 1953, as amended) with specific reference to Section 40-8-13 and will employ the following mining and reclamation techniques on approximately 210 acres of federal and private land.

During Operations

Tenneco Minerals Company will mine several open pits, within the described area, for gold ore. The ore will be crushed and removed to leach pads for cyanide processing. Mining is expected to commence in 1988 and continue through 1997. The heap leaches will be operated for one year after mining has ceased.

Following Operations

1. The leach pads and ponds will be decommissioned, graded, topsoiled, and revegetated.

2. The pit highwalls will not be reclaimed. 3. The sediment pond will be left for livestock and wildlife watering. 4. The remaining disturbed areas will be graded, topsoiled, and revegetated. 5. Postmine landuse will consist of livestock grazing and wildlife Any person or agency aggrieved by this tentative decision is hereby requested to submit written protest within thirty (30) days of the date of publication to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203, setting forth factual reasons for his or her complaint, and thereafter, at a time and place to be established, appear before the Board of Oil, Gas and Mining to show cause, if any, why this mine plan should not be approved. DATED this Thirteenth day of May 1988. STATE OF UTAH DIVISION OF OIL, GAS AND MINING Samuel P Braight Lowell P. Braxton Administrator Mineral Resource Development and Reclamation Program 1398R/31-32